

ADAKOLE ANDREW OCHE

Full-Stack Software Engineer

Building scalable, production-grade web products • 3+ years

CONTACT

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📅 DOB: 1st November 2005

TECHNICAL SKILLS

Frontend

React.js · Next.js 14 (App Router) · TypeScript · Tailwind CSS · Zustand · React Query

Backend

Node.js · Express.js · Python · Django · Django REST Framework · REST APIs · GraphQL

DB & Tools

PostgreSQL · MongoDB · Mongoose · Prisma ORM · Redis · Docker · Git · GitHub Actions · Vercel · AWS (S3, EC2)

PROFESSIONAL EXPERIENCE

Full-Stack Developer · [Brightpath Digital Agency](#)

Mar 2022 – Dec 2025 | Remote

- ▶ Designed and delivered 15+ client web applications end-to-end using React, Next.js, Node.js, and MongoDB/Mongoose, spanning e-commerce, booking platforms, and internal tooling.
- ▶ Built a Django + PostgreSQL backend for a fintech client's loan management portal, integrating Paystack and Flutterwave payment gateways handling millions in transactions.
- ▶ Architected a multi-tenant SaaS analytics dashboard with Next.js 14 App Router and Prisma, reducing page load time by 42% using server components and streaming.
- ▶ Introduced Redis caching and query optimization that cut average DB response time from 320ms to 48ms across high-traffic endpoints.
- ▶ Implemented JWT + refresh token auth, RBAC, and email/OTP verification flows across multiple client projects.
- ▶ Reduced client onboarding time by 30% by building a shared React component library and unified API utilities adopted across 8 projects.
- ▶ Mentored two junior developers, conducted weekly code reviews, and led agile sprint planning.

Junior Full-Stack Developer · [InnovateTech Solutions](#)

Aug 2021 – Feb 2022 | Remote

- ▶ Contributed to a React + Express CRM platform, building dashboard widgets and RESTful API endpoints consumed by 500+ daily users.
- ▶ Wrote integration and unit tests with Jest and Supertest, improving test coverage from 34% to 78%.
- ▶ Collaborated in an agile team using GitHub Flow, Jira, and bi-weekly sprints.

FEATURED PROJECTS

SwiftHire — AI-Powered Recruitment Platform — [Next.js 14](#) · [Django](#) · [PostgreSQL](#) · [OpenAI API](#) · [Tailwind CSS](#) · [Prisma](#)

Full-stack recruitment SaaS with AI-assisted resume screening, smart job-matching, and interview scheduling.

- ▶ Built a semantic job-matching engine using OpenAI embeddings + pgvector, boosting recruiter match accuracy by 65%.
- ▶ Designed multi-step candidate onboarding with Zustand state management and Zod schema validation.
- ▶ Containerized and deployed on AWS EC2 with Docker + Nginx; CI/CD automated via GitHub Actions.

- Achieved 99.9% uptime with health-check endpoints, structured logging, and automated DB backups.

TrackFlow — Real-Time Project Management Tool — [React](#) · [Node.js](#) · [Socket.io](#) · [MongoDB](#) · [Redis](#) · [TypeScript](#)

Collaborative kanban and sprint planning app with live updates, time tracking, and team velocity analytics.

- Implemented WebSocket-based real-time collaboration (Socket.io) supporting 300+ concurrent users per board.
- Built burndown charts and velocity dashboards with Recharts surfacing actionable sprint insights.
- Achieved sub-80ms API response times via Redis caching and optimized MongoDB aggregation pipelines.

PayNest — Personal Finance & Budgeting App — [Next.js](#) · [Prisma](#) · [PostgreSQL](#) · [Plaid API](#) · [TypeScript](#) · [Tailwind CSS](#)

Secure personal finance tracker with bank account linking, automated transaction categorization, and spending insights.

- Integrated Plaid API for secure bank account connections with AES-256 encrypted credential storage.
- Designed normalized PostgreSQL schema via Prisma with full transaction history, category tagging, and monthly budgets.
- Built fully responsive mobile-first UI achieving 97 Lighthouse performance score.

EduStream — Live Learning Management System — [Next.js](#) · [Node.js](#) · [MongoDB](#) · [WebRTC](#) · [Socket.io](#) · [Cloudinary](#)

Interactive LMS with live video classes, course management, quizzes, and progress tracking for educators and students.

- Integrated WebRTC peer-to-peer video for live sessions supporting up to 50 simultaneous participants.
- Built a rich course content editor with drag-and-drop lesson ordering and Cloudinary-powered media uploads.
- Designed a quiz engine with auto-grading, analytics, and exportable performance reports for instructors.

EDUCATION & CERTIFICATIONS

B.Eng. Electrical & Electronics Engineering (In Progress)

Federal University of Technology Akure (FUTA) · 2023 – Present

CS50x — Introduction to Computer Science

Harvard University (edX) · Certificate of Completion · 2025

Responsive Web Design & JavaScript Algorithms & Data Structures

freeCodeCamp · Certified · 2022

Web Development & Python Programming

SoloLearn · Certified · 2022

Available for full-time remote opportunities • github.com/andrewanuga • Open to async teams worldwide